

CLAIMS:

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A1*

1. A liquid crystal display device comprising a first substrate provided with electrodes and a second substrate provided with electrodes, and a twisted nematic liquid crystal material between the two substrates, in which, viewed perpendicularly to the substrates, overlapping parts of the electrodes define pixels, characterized in that the display device is provided with means for adjusting the operating voltage of the liquid crystal display device in dependence upon the switching behavior of a measuring element.
2. A liquid crystal display device as claimed in claim 1, characterized in that the means for adjusting the operating voltage of the display device comprise means for measuring the switching current of the measuring element.
3. A liquid crystal display device as claimed in claim 2, characterized in that the means for adjusting the operating voltage of the display device comprise means for raising the operating voltage and simultaneously measuring the switching current in the measuring element.
4. A liquid crystal display device as claimed in claim 2, characterized in that the means for adjusting the operating voltage of the display device comprise means for raising the operating voltage and measuring the peak current in the measuring element.
5. A liquid crystal display device as claimed in claim 1, characterized in that the means for adjusting the operating voltage of the display device comprise means for measuring the capacitance of the measuring element.
6. A liquid crystal display device as claimed in claim 1, characterized in that the measuring element comprises a pixel.

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